

A Weekly Construction & Sustainment Report



Photo Feature: Al Basrah Oil Terminal



An oil tanker docked to the Al Basrah Oil Terminal takes on crude oil in the Persian Gulf. The oil terminal is located roughly 19 miles from Iraq's main port of Basrah. (Photo by Airman Eben Boothby)



A guided missile cruiser patrols the waters surrounding the Al Basrah oil terminal as two Iraqi tug boats guide a super oil tanker into place. (Photo by Petty Officer 1st class David C. Lloyd)



Deep inside an Al Basrah Oil Terminal engine room. (Photo by Airman Eben Boothby)



Dahuk Province Primary School Serves 825 Students

March 16th marked the completion of a \$458,000 primary school project in the Dahuk Province. The project consisted of constructing a new two-story, 12-room school. The Dahuk school will house 825 Since 2003, U.S. students and 36 teachers. reconstruction efforts in Iraq have provided training for 36,000 teachers, the provision of 8 million textbooks and renovation of 3,000 Iraqi schools.



Electrical Substations in Three Provinces Completed

Four new electrical substations: Atrush, A; Eshargi, Al Tooz and Al Abara are complete. The \$16 million project affects more than 222,000 Iragis in the provinces of Dahuk, Diyala and Salah Ad Din. The new substations are fitted with two transformers each. This allows maintenance of a transformer without interfering with the substations' ability to continue to supply power.

Nassriya Project Will Provide Potable Water to Thi-Qar



The \$234 million water supply project started Nov 2004. Project scheduled for completion this October. Currently, 61% of the construction is complete and 80km of pipeline has been The completed project will supply potable water to 555,000 people in five cities in the Thi-Qar Province. It will also provide 150 permanent jobs to Iraqis. The existing water

treatment plant capacity is 2,000 cubic meters per hour. Upon project completion capacity will increase to 10,000 cubic meters per hour with the capability to expand to 20,000 cubic meters per hour.

Az Zubayr Water Supply Project Impacts Two Million People

Construction is complete on the Basrah/Umm Qasr Water Supply in Az Zubayr in the Basrah Province. The \$16.1 million project included a geotechnical survey, pump assessment, head and gate repairs, waste

disposal refurbishment, engine and hydraulics overhaul, and training. The project also included the design permanent power for a pump station and a system to track operations and maintenance. This work will provide an uninterrupted flow of water to 2.5 million people in the Basrah and Dhi Qar Provinces and increases the reliability of a clean water supply.

Inside this Issue

Page 2 Bridge Reopens Over Euphrates Assistant Secretary Speaks on Policy Panel

Page 3 Reconstruction Historical Series

Page 4 Bolstering Spirit at Iraqi Girls' School

Page 5 Projects Shaping a Nation Page 6 Capacity Development

Japanese Deliver US Medical Supplies

Page 7 Multinational Division Commander Visit

Stories Continued

Page 9 Latest Project Numbers

Page 10 Sector Overview: Current Status/End State Page 11 DoD Reconstruction Partnership/Contacts







Bridge Reopens Over Euphrates as Babil Gateway

Story & Photo Cpl. Michael Molinaro 2nd BCT PAO, 4th Inf. Div.

FOB KALSU, Iraq – Iraqis celebrated the reopening last week of the Musayib Bridge, located about 45 kilometers south of Baghdad. Officials said it will make traveling easier for residents of Babil province.

The span, which runs over the Euphrates River in Iskandariyah, is the main thoroughfare for merchants, worshippers and families who travel north to Baghdad or south to Karbala.



Iraqi government officials express joy over the re-opening of the Musayib Bridge. The bridge was destroyed one year ago by terrorists. (Photo by 1st Lt. Court Vanzant)

The bridge was destroyed one year ago by a terrorist car bomb. The March 6th reopening ceremony was attended by Salem Salh Mahdy, Babil province governor; Gen. Qais Kamza, Babil provincial police chief; and Lt. Col. Patrick Donahoe, commander, 1st Battalion, 67th Armor Regiment, 2nd Brigade Combat Team, 4th Infantry Division.

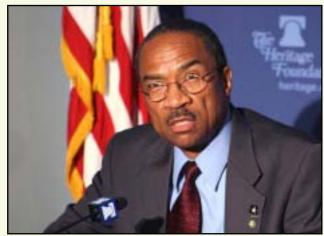
Mini-Profile: Babil



Babil is one of 18 Iraq provinces. It is situated in central Iraq and has an area of 6,468 km, with an estimated population of 1,751,900 (2003). The provincial capital is the town of al Hillah.

Assistant Secretary Bolton Speaks at Iraq Reconstruction Public Policy Panel

By Howie Lind Iraq Project & Contracting Office



(Photo by Andrew Blasko/The Heritage Foundation)

WASHINGTON - The Honorable Claude Bolton, Assistant Secretary of the Army for Acquisition, Logistics and Technology spoke recently at a Heritage Foundation panel discussion entitled "Boots on the Ground...Iraq Reconstruction."

For approximately \$13 billion of the \$18 billion in congressionally appropriated funds for Iraq reconstruction, Assistant Secretary Bolton - on behalf of the Secretary of the Army - has oversight responsibility for the Project and Contracting Office (PCO) in Baghdad, Iraq, and also its program support element at the Pentagon.

He also has contract policy responsibility and has given ultimate contract authority to the Joint Contacting Command - Iraq/Afghanistan, a U. S. Central Command asset with theatre-wide contracting duties.

Due to the on-going consolidation of reconstruction efforts between the PCO with the U. S. Army Corps of Engineers, Secretary Bolton also works in close consultation with the Chief of Engineers of the Army Corps of Engineers and its Gulf Region Division in Iraq.

Other panelists included Ambassador James Jeffrey, Senior Advisor for Iraq to the Secretary of State, Ginger M. Cruz, Deputy Inspector General, Special Inspector General for Iraq Reconstruction, and James Jay Carafano, a Senior Research Fellow, Defense and Homeland Security.



Iraq Reconstruction Weekly Update



Reconstruction Series: A Comparative History of US Reconstruction Efforts

By Sherman Fleek PCO Command Historian

[Editor's Note: Due to high interest in the reconstruction history series from past editions, we will be re-printing the articles each week. This is the second article in the series.]

The United States has participated in dozens of post-conflict reconstruction efforts with defeated or allied nations during its history. The series covers historic reconstruction efforts that reflect similar missions in Iraq. Not all the conflicts and nations selected follow the same criteria exactly. U.S. involvement in nations such as Somalia, Haiti or Bosnia was really humanitarian in nature and less reconstruction.

"School Books and Krag Rifles" – The Philippine War, 1899-1903

With Spain's defeat during the Spanish American War of 1898, the United States gained control and possession of the Philippine archipelago. For years many of the inhabitants of the Philippines had been locked in a revolution to throw off Spanish colonialism and domination since the 17th Century.

President William McKinley based United States policy on the concept of "benevolent assimilation" meaning that the United States would act as an international guardian until the Philippines could establish its own form of democracy and assume the role of a modern state. Thus, Americans launched economic measures, established civil works and education programs. Hostility though, from Philippine insurgents, erupted into a few pitched conventional battles initially. But once the insurgents realized they had no hope of defeating the superiorly trained, disciplined and equipped U. S. military force, the conflict grew into guerilla warfare. A catchy slogan probably advanced by the soldiers themselves was the theme of "School books and Krags"; the Krag-Jorgenson being the standard American issue rifle of the era. The Philippines eventually became a sovereign nation in 1946 after World War II.



What you need to know:

- · the civic works projects and reconstruction were performed exclusively by the US Army.
- · engineers and soldiers erected more than 10,000 miles of telegraph lines among the islands; they constructed thousands of miles of modern, all-weather roads, improved harbors and built many hospitals
- · damage due to combat was very minimal; the challenge was developing and configuring an infrastructure
- · military, political and civil works campaigns were planned or sometime coordinated nationally but they were completely decentralized to local US military commanders
- · more power and authority was delegated to local civilian politicians and police institutions
- · education was a critical factor in winning the Filipinos' favor: a Department of Public Instruction program provided education at more than 1,000 schools for 100,000 pupils
- the US Army trained and armed some 50,000 Filipino soldiers to assist in the guerilla war

Facts:

Spanish American War; US gained the Philippines 1898 1899-1903

Philippine War - This conflict included civil works projects of

building roads, canals, schools, hospitals and developing democratic institutions.

Casualties of war:

US Forces 126,000 engaged (mostly National Guard), 4,165 dead, 2,911 wounded

Insurgent forces 20,000 dead

200,000 estimated dead Civilians

[NOTE: Most deaths were from diseases, diet, and other non-combat causes.]



NEXT WEEK: World War II





Soldiers Help Bolster Spirit at Iraqi Girls School

Story & Photos by Cpl. Michael Molinar

FORWARD OPERATING BASE KALSU, Iraq – After 25 years, the most prestigious girls school in the Najaf region is getting upgraded with help from American troops there.

For children in Iraq who want to receive an education, many are forced to attend school in less-than-ideal conditions. The prospect of acquiring an education to better their future seems to keep many young people motivated and striving to achieve. The Abbasiya Girls School, currently educating more than 800 girls aging from 12 through 18, is the only one of its kind in the Najaf region.

In February, Soldiers from 3rd Battalion, 16th Field Artillery Regiment, 2nd Brigade Combat Team, 4th Infantry Division, distributed filing cabinets, reams of paper, snacks, soap, brushes, and other items to students at the school in an effort to show support for these future leaders of Iraq." For years, it has operated with minimal electricity, causing a decrease in student attendance during summer months when many children decide that braving the 130-degree heat all day is too much to bear," said Layla, the school's assistant principal.



Students receiving sundry items from 1st Lt. Kimberly Hale, maintenance chief.

The school opened in 1981 but has been neglected due to lack of funding for education. "Holes, sagging ceilings and blown-out windows are noticeable as soon as one enters the building," said 1st Lt. Kimberly Hale, maintenance chief, Company G, 3/16 FA.

"They're concerned about the final exams coming up in a few months and they say it's much harder to think when it's hot, and they want to do well."

An engineer traveled to the site with Company G to inspect the school and prepare an inventory of needed repairs inside the building in order to develop a priority list for school renovations.



Abbasiya Girls School students in one of the classrooms. Soldiers from 3rd Battalion, 16th Field Artillery, 2nd Brigade Combat Team, 4th Infantry Division, visited the school to hand out sorely needed items and to make a list of restorations needed at the school.

The commander has already approved the construction repairs," Hale said. "It's just a matter of getting contracts set for the roof and windows. There are just so many repairs to make."

The school girls told Soldiers that they were thankful for the donated materials.

"I went to this school as a girl and now I work here," said Layla. "It will be nice to have it fixed for my two daughters."



Focus: Projects Shaping a Nation Projects that are shaping a nation Mosul Eight schools in Mosul, each serving 150 students, have been renovated. Baghdad A water network in the Karadah section of Baghdad will provide water to about 1,000 homes and 250 commercial buildings. **Balad Rooz** Residents of Baghdad Balad Rooz have The al Arabiyah school in more reliable elec-Isriglal area of Baghdad has tricity thanks to a been renovated, providing a new substation. better learning environment for about 250 students. Fallujah Repairs to a railroad **Wassit Province** embankment in Fallujah moves Iraq one step closer A border fort in the Wassit Province to resuming service and will increase protection along the Iran exports between the capiborder. tal and the al Anbar Province. Said Ashour A new water treatment plant in Said Ashour will provide potable water to more than 5,000 people. Nassyriah A new police station in Nassyriah will

boost protection to more than

100,000 residents.



Capacity Development

Recognizing PCO Sector Contractors

Compiled By, Sheryl Lewis Director, PCO-Washington Capacity Development

Just What is Capacity Development?

CD is critical to providing the foundation for a smooth transfer of day to day responsibility for completed projects to Iraqi management. The primary process for providing CD is by transferring knowledge, skills, and abilities through training. Training is conducted by all 16 prime contractors for both Iraqi men and women. The PCO, through contractors such as CH2MHill/Parsons Joint Venture, work hard to not only hire and integrate Iraqi women into the Iraq reconstruction program, but also provide support to Iraqi women through a unique initiative.

Read a CD Case Study on Page 8

Interagency Assistance: USAID Brings Women's Radio to Irag's Airwaves



A grant from the U.S. Agency for International Development's Community Action Program purchased equipment and furniture to support the launch of the first independent radio station in Iraq – a station operated by women and devoted to women's programming. (Photo provided by USAID)

Coalition Spotlight: Japanese Deliver US Medical Supplies

Story and photos by Spc. Robert Adams 11th Public Affairs Detachment

CAMP ARIFJAN, Kuwait - Though you might not see it everyday in the mainstream media, humanitarian and reconstruction efforts in Iraq have been an ongoing mission for U.S. and Coalition Forces since the fall of Saddam Hussein's regime in April 2003. More proof that the world is working together to rebuild Iraq came when Japanese forces flew U.S. medical supplies from Japan to Kuwait on March 9th.

"This is the first time the Japanese have done a lift of U.S. medical supplies into theater," said Col. Carlos Trejo, Humanitarian Operations Center (HOC) director. "Gettin medical aid into Iraq is one of the biggest needs and the Japanese have helped make that possible," Trejo said.

Now in the hands of the HOC, the six large boxes packed with bandages, gloves, gowns and other disposable medical items will be transported into Iraq to be dispersed to medical facilities in need. "To make this project successful, there were Many organizations working together," Trejo said. Coordination between the Defense Reutilization Marketing Office facilities in Kuwait and Japan, U.S. Defense Logistics Agency, Japan Ministry of Foreign Affairs and Kuwait support made this happen, Trejo added.



Col. Keisuke Kawae, Japan Embassy defense attaché, shows Col. Carlos Trejo, Humanitarian Operations Center director, the box of U.S. medical supplies they flew to Kuwait from Japan March 9. The medical supplies will be distributed to areas of need in Iraq.

The HOC (comprised U.S. and Kuwaiti military officials), has been working together with Japan on Iraqi humanitarian aid projects since October 2005. Col. Keisuke Kawae, Japan Embassy defense attaché, said he really appreciated HOC's help. He added that their support and coordination made this mission successful. Japan is a non-combat member of the Coalition Forces whose primary mission is to provide humanitarian aid.

Story Continued on Page 8





Multinational Division-Baghdad Commander Visits Residents

Maj. Gen. J.D. Thurman and Command Sgt. Maj. Ronald Riling visited local residents and gathered their viewpoints on essential services and quality of life in their neighborhoods.

By U.S. Army Capt. James Lowe 4th Brigade Combat Team, 101st Airborne Division



BAGHDAD — Maj. Gen. J.D. Thurman, commanding general, Multinational Division—Baghdad, and Command Sgt. Maj. Ronald Riling recently toured eastern Baghdad, visiting with the local residents and viewing progress of projects in their neighborhoods.

Thurman and Riling were escorted by 4th Brigade Combat Team, 101st Airborne Division leaders on the March 1 tour, which provided them an opportunity to visit with local residents and gather their viewpoints on essential services and quality of life in their neighborhoods. Thurman and Riling also met with Iraqi army and 4th Brigade Combat Team leaders during on-site discussions in the brigade's sector, including Sadr City.

While visiting residents in Zafarania and the Muhallas, Thurman took advantage of an opportunity to hand out toy animals to excited neighborhood children. Lt. Col. Kevin Milton, commander, 4th Battalion, 320th Field Artillery Regiment, introduced Thurman to the residents, who shared their concerns about security and essential services. During the visit, Thurman assured them the division would provide assistance to help their local leaders resolve their issues. The leaders accompanying him also listened to the concerns of the residents, while translators kept the dialogue flowing.

On one of the main thoroughfares of east Baghdad, Thurman visited one of the checkpoints used by the Iraqi police to monitor traffic. Lt. Col. Mark Bertolini, commander, 3rd Battalion, 67th Armor Regiment, described the build up of the checkpoints, using an M1 Abrams tank's front hull as his desk. He described combined operations with the Iraqi army and how well the Iraqi police perform in screening traffic Bertolini's tankers patrol portions of the road and provide assistance to the Iraqi police when they request support.

After a quick lunch, Lt. Col. Scott Coy, commander, 801st Brigade Support Battalion, described the mission his soldiers perform on a daily basis. He said his soldiers make countless trips to the major supply hubs in the city and that his soldiers are among the most experienced patrollers in the area. During a tour through Sadr City, Thurman talked to a group of men near an auto mechanics shop. The men said they wanted electricity supplied to their homes and businesses more consistently.

"We will help you have better security and see the projects through to completion. We'll work to improve the availability of electricity and continue working to help finish the water distribution network."

- Maj. Gen. J.D. Thurman

"We will help you have better security and see the projects through to completion," Thurman said. "We'll work to improve the availability of electricity and continue working to help finish the water distribution network." During a tour of the R-3 Water Treatment Facility, located north of Sadr City, engineers showed Thurman the progress being made.

"This facility will provide million of gallons of clean water to this portion of Baghdad daily," said U.S. Army Lt. Col. Chris Hall, commander, 4th Brigade Troops Battalion, in talking about when the project is finished later this year. Hall also described how the 19 completed water units, as well as the 61 currently being worked on, will provide clean water to Sadr City residents. The project is vital, since the hot summer weather greatly increases demand for drinking water.

Continued on Page 8





Capacity Development...Continued from Page 6

Case Study: Through the Women's Initiative, CH2MHill/Parsons Joint Venture works with women from the Ministry of Municipalities and Public Works and Ministry of Water Resources to provide them with the skills they need to advance their careers within their respective ministries.

As of Feb. 2006, a total of fifty-four seminars for junior through senior-level women in the Ministries have been completed, with six seminars in progress through March 3, 2006. The program has been responsible for the training of 1092 Iraqi women and a total of 64,228 training hours.

Seminars and activities completed during February include the following:

- 3 Budget and Finance Workshops (53 Women)
- 4 Basic English-Speaking and Writing Workshops (80 Women)
- 4 Communications and Public Speaking Workshops (70 Women)
- 2 Leadership and Management Workshops (35 Women)
- 2 Women in the Workforce Workshops (38 Women)
- 2 Train the Trainer Workshops (34 Women)
- 4 Basic Business Applications Workshops (75 Women)
- 3 Advanced Business Applications (59 Women)

Learn More -- Pamphlet Download Capacity development is central to the Iraq reconstruction effort and provides the first step in building a foundation for the transfer of control for completed facilities to Iraqi management.

http://www.rebuilding-nagine

Japanese...Continued from Page 6

They are helping rebuild Iraq's power infrastructure and are refurbishing three medical hospitals in addition to working alongside other countries on reconstruction projects.

The Japanese delegation has also coordinated medical patients and out-of-country surgeries as well as moved medical supplies into Iraq. "Japan's endeavor is to send goodwill to the Iraqi people," Kawae said. "I am very happy our mission was completed successfully."

The HOC - Coalition also facilitates the movement of humanitarian aid shipments through Kuwaiti customs for Coalition Forces countries like Japan.

"This can be a lengthy process," Trejo said. "Since it is humanitarian aid, the Kuwait government cuts the process time down."

The HOC - Coalition hopes this will open the door to other opportunities, said Lt. Col. Erik Price, HOC - Coalition operations officer.

"We are already looking ahead to see when their next flight is coming over because there are more medical supplies in Japan waiting to be shipped," Trejo said.

The supplies will be stored at Camp Arifjan and await direction from Multi-National Corps Iraq to be shipped to areas of greatest need.

General Visits Residents...Continued from Page 6

"It is important to get the best people to do this," said Thurman, "and I'll be back to check up on what you need periodically."

Thurman also met with Iraqi Maj. Gen. Jawad, commander of the 2nd Brigade, 6th Iraqi Army Division, and thanked him for his strong leadership in protecting mosques following the bombing of the Samarra Golden Mosque.

U.S. Army Lt. Col. Brian Winski, commander, 1st Squadron, 61st Cavalry Regiment, whose soldiers assist with security in Adamiyah, described how Jawad's troops helped end a confrontation at a major Sunni mosque and convinced the occupiers to leave without violence. Winski showed the mosque to Thurman so he could see for himself that all was well.

Read more about Maj. Gen. Thurman and the 4th Infantry Division:

http://www.hood.army.mil/4id/







Projects at a Glance (As of: March 17, 2006)

Compiled by Katie Wall, PCO

^{•2,162} projects are complete, including 330 that are funded under the DFI

Reconstruction Sector	Project Type	# Under Construction*	# Completed*
Health & Education	Schools	18	828
	Primary Health Care Centers	138	15
	Hospital Projects	16	13
	Public Buildings	4	51
Public Works & Water	Potable Water Projects	91	192
	Sewer Projects	8	31
Security & Justice	Fire Stations	14	66
	Military Base Projects	14	69
	Police Facilities	44	304
Transportation & Communication	Railroad Stations	19	79
	Village Roads	29	89
	Ports Projects	3	3
	Postal Facilities	1	23
	Airport Projects (FAA certified ready)	8	7
	Expressways	3	0
Electricity	Distribution Projects (including Substations)	93	110
	Transmission Projects	24	12
	Power Generation Projects	1	19
Oil	Dedicated Power Plants	2	3
	LPG/LNG Plant Refurb	5	0

^{*} Note: Project numbers include projects funded by the Iraq Relief and Reconstruction Fund and the Development Fund Iraq and managed by GRD/PCO.

Source: Multiple PCO Management Reports



^{•\$7.987} billion has been disbursed, representing over 59% of total funds

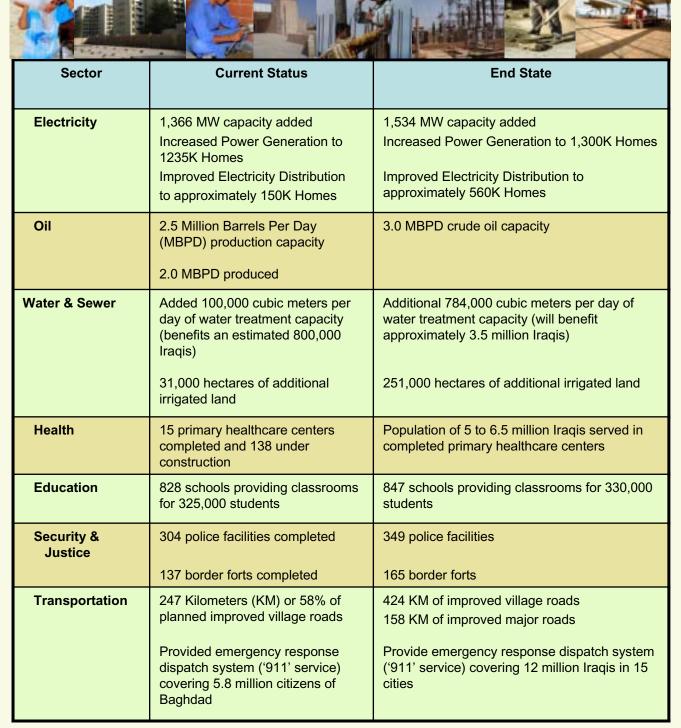
^{•2,780} projects starts (out of 3,079 planned projects). This number includes 365 projects funded under the Development Fund Iraq (DFI)



Sector Overview: Current Status - End State

Compiled By: John Daley, PCO

As of: March 17, 2006



Note: Project numbers include projects funded by the Iraq Relief and Reconstruction Fund and the Development Fund Iraq and managed by GRD/PCO.

Source: Multiple GRD-PCO Management Reports





A Reconstruction Partnership



Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT)

https://webportal.saalt.army.mil/main/aae.htm

Assistant Secretary: The Honorable Claude M. Bolton, Jr.

Principal Deputy to the ASA (ALT)/Director of Iraq Reconstruction and Program Management: Mr. Dean Popps



US Army Corps of Engineers - Gulf Region Division http://www.grd.usace.army.mil/index.html Commanding General: Brig. Gen. William H. McCoy, Jr.

Iraq Project & Contracting Office

http://www.rebuilding-iraq.net

Director- Baghdad: Brig. Gen. William H. McCoy, Jr. (dual-hatted GRD-PCO)

Deputy Director for Reconstruction: Ms. Kathye Johnson

Director-Washington: Mr. James M. Crum



Joint Contracting Command – Iraq/Afghanistan

JCC-IA provides responsive operational contracting support to the Chief of Mission and Multi-National Corps - Iraq to efficiently acquire vital supplies, services and construction in support of the Coalition Forces and the relief and reconstruction of Irag.

Commander: Maj. Gen. Darryl A. Scott



Office of the Assistant Deputy Assistant Secretary of the Army (Policy and Procurement), Iraq

DASA(P&P)-I provides the necessary administrative and contracting support to the Chief of Mission, Project and Contracting Office, Multi-National Forces, and supports the humanitarian relief, reconstruction, and security of Iraq.

ADASA(P&P)-I: Mr. Lee Thompson



For further Iraq reconstruction and sustainment information:

U.S. Agency for International Development: http://www.usaid.gov/iraq

U.S. Department of Commerce: http://www.export.gov/iraq

U.S. Embassy in Iraq: http://iraq.usembassy.gov

U.S. Central Command: http://www.centcom.mil

Multi-National Force - Iraq: http://www.mnf-iraq.com

Multi-National Security Transition Command - Iraq: http://www.mnstci.iraq.centcom.mil



Iraq Reconstruction Update Contacts

PCO Strategic Communications Director (Acting) Gulf Region Division Liaison

Managing Editor/Senior Writer/Layout Weekly Update Copy Editor

Weekly Update Production Manager/Metrics

Metrics Manager

Howie Lind, (703) 696-1423 Steve Wright, (540) 665-4993

Ron Eschmann Andy Curtin Katie Wall

John Daley

The Iraq Reconstruction Update is compiled and published by the Project and Contracting Office (Arlington, VA), Office of Strategic Communications.

Past IRU issues can be found at: http://www.dvidshub.net/index.php?script=pubs/pubs_show.php&id=201&name=Iraq%20Reconstruction%20Update